

I 000200



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

1000200
Margaret
Please to send
this sets into
the HHS
needs
system
Thank
you

REPLY TO THE ATTENTION OF:

SEP 2 1992

SP-14J

MEMORANDUM

SUBJECT: Request for Information on Fish and Wildlife
Incidents caused by Pesticides

FROM: John L. Ward, Chief *mtw 5/9/92*
Pesticides Section
Environmental Sciences Division

TO: Kathy Taylor
Regional Operations Branch (H7506C)
Field Operations Division

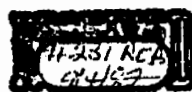
In response to a June 19, 1992 memorandum from Douglas J. Urban and Kathy Taylor, I am forwarding a number of fish and wildlife incident reports submitted by the states that comprise Region 5. Though some of these may not be confirmed as pesticide related, they are included as transmitted to us.

Should you desire detailed documentation on a specific incident in these reports, please let us know; hopefully, that information can be obtained as the need arises.

As you will note, the only information provided herein is in reports from state agencies. The Region 5, Pesticides Section does not have first hand information itself. Please get in touch with me or Lavarre Uhlken of my staff should you desire additional follow-up. Our telephone number is (312) 353-2192.

Attachment

Recd in ISB
10/5/92



1078

Printed on Recycled Paper

001

January 3, 1992

STATE OF ILLINOIS

TABLE 1. ANNUAL SUMMARY OF POLLUTION CAUSED FISH KILLS INVESTIGATED BY THE DEPARTMENT OF CONSERVATION.

YEAR	NUMBER KILLS	NO. FISH KILLED	\$ VALUE OF FISH	TOTAL \$ VALUE	IMPACTED MILES	IMPACTED ACRES	CAUSATIVE FACTORS							TOTALS
							AGR	IND	MUN	TRAN	UNK	OTH		
1962	14	295,111	\$60,540.37		134.8	0.00	0	10	2	0	2	0	14	
1963	37	805,278	\$84,453.48		184.6	375.70	2	14	10	2	9	0	37	
1964	20	3,950,307	\$33,254.33		150.65	201.30	2	9	4	0	5	0	20	
1965	22	444,326	\$48,590.47		98.15	32.80	2	9	4	1	6	0	22	
1966	13	1,331,526	\$31,017.80		77.1	0.41	3	4	1	1	4	0	13	
1967	11	160,562	\$11,643.37		50.25	0.00	2	5	1	1	2	0	11	
1968	10	380,038	\$16,662.61		59.5	1197.00	0	7	1	1	1	0	10	
1969	13	313,642	\$91,941.52		49.6	0.00	3	2	0	0	8	0	13	
1970	8	106,194	\$14,050.09		43.6	0.00	1	5	0	0	2	0	8	
1971	18	426,185	\$31,876.00		90.15	0.00	2	6	0	0	11	0	19	
1972	15	217,487	\$20,549.10		82.55	1.14	3	3	5	0	5	0	16	
1973	22	395,040	\$47,142.02		85.45	800.00	7	2	2	3	9	0	23	
1974	21	594,211	\$58,459.82		89.82	740.00	2	7	4	2	7	0	22	
1975	22	409,785	\$28,214.73		73.32	11.60	6	4	2	0	10	0	22	
1976	22	521,658	\$59,095.94		61.8	34.00	5	2	4	5	6	0	22	
1977	10	221,527	\$19,639.71		40.39	0.00	5	0	2	1	2	0	10	
1978	14	587,279	\$63,054.42		34.25	166.89	6	5	1	0	2	0	14	
1979	26	654,230	\$64,712.69		111.46	7.20	8	5	2	0	9	2	26	
1980	25	554,751	\$44,052.53		92.7	11.50	13	3	0	0	8	1	25	
1981	12	191,052	\$12,340.19	\$14,383.02	49.03	0.20	6	2	0	2	2	0	12	
1982	25	317,224	\$28,801.65	\$1,530.14	121.11	101.00	14	1	1	0	8	1	25	
1983	25	855,311	\$95,100.61	\$99,677.69	93.26	206.00	11	4	0	0	9	1	25	
1984	25	136,289	\$25,104.67	\$27,657.57	79.05	24.30	9	4	3	0	7	2	25	
1985	38	440,510	\$64,888.29	\$70,023.78	120.23	227.00	14	6	2	0	15	1	38	
1986	27	191,247	\$20,583.11	\$24,324.80	37.99	49.50	14	2	2	1	7	0	26	
1987	22	369,802	\$43,241.04	\$46,334.89	38	155.90	6	1	5	0	8	2	22	
1988	23	348,652	\$53,302.68	\$58,232.97	65.44	105.50	4	3	5	0	11	0	23	
1989	28	493,835	\$69,783.50	\$77,306.82	86.73	65.20	10	4	3	1	10	0	28	
1990	10	75,459	\$22,921.90	\$24,946.71	13.14	3.68		2	1		7		10	
1991	11	165,420	\$77,492.99	\$79,424.84	22.9	36.70	5	1	1		4		10	
TOTALS	589	15,953,938	\$1,342,511.63	\$557,843.23	2337.02	4554.52	165	132	68	21	196	10	591	
AVERAGES	19.63	531,798	\$44,750.39	\$50,349.38	77.90	151.82	5.69	4.40	2.27	0.72	6.53	0.34	19.70	

KEY:

AGR - Agricultural
 IND - Industrial
 MUN - Municipal
 TRAN - Transportation
 UNK - Unknown
 OTH - Other

January 3, 1992

REPORT OF POLLUTION CAUSED FISH KILL

DEPARTMENT OF CONSERVATION - DIVISION OF FISHERIES

YR	MO	DAY	WATER AREA AFFECTED	COUNTY	CAUSE	FISH KILLED	FISH VALUE	INV CST	TOT CST	EXT(MI)	EXT(AC)
002	91	4 18	NEWTON LAKE	JASPER	UNK.	51	\$137.25	\$161.58	\$298.83		
003	91	5 13	CASSEL CREEK	COLES	UNK.	704	\$42.24	\$59.32	\$101.56	2	
004	91	5 19	TAYLOR LAKE	KNOX	AG.	90461	\$60,847.36	\$42.14	\$60,889.50		10
005	91	6 18	OAK RIDGE N. SUB.	LAKE	AG.	2062	\$1,166.22	\$109.90	\$1,276.12		1.4
006	91	6 19	TRIM CREEK	WILL/KANKAK	UNK.	11236	\$1,896.45	\$360.08	\$2,256.53	7.75	
007	91	7 1	FOX RIVER	KENDALL	UNK.	13047	\$2,400.37	\$330.22	\$2,730.59	1.25	
008	91	8 6	ST. ELMO S. RES.	FAYETT	MO.	1436		\$98.24	\$98.24		25.3
009	91	8 10	WALNUT CREEK	KNOX	AG.	3669	\$1,382.26	\$78.72	\$1,460.98	1.1	
010	91	8 10	ELLISON CREEK	HENDERSON	AG.	34890	\$6,729.63	\$243.15	\$6,972.78	8.3	
011	91	9 12	PRINCE RUN	PEORIA	IND.	2282	\$192.80	\$210.91	\$403.71	1	
012	91	10 30	LITTLE MUDDY CREEK	CLAY	AG.	5582	\$2,698.41	\$237.59	\$2,936.00	1.5	

NUMBER OF FISH KILLS INVESTIGATED= 11

TOTAL COST OF FISH KILLS= \$79,424.84

NUMBER OF FISH KILLED= 165420

TOTAL VALUE OF FISH= \$77,492.99

TOT INVEST CSTS= \$1,931.85

TOTAL MILES AFFECTED= 22.9

TOTAL ACRES AFFECTED= 36.7

INDIANA STATE CHEMIST & SEED COMMISSIONER BIOCHEMISTRY BLDG. * PURDUE UNIVERSITY WEST LAFAYETTE IN 47907 (317) 494-1585		PESTICIDE CASE SUMMARY CASE #901203 INVESTIGATED 9-27-90
Case Type: NON AG FOLLOW UP		County: MARION
L O C A T I O N	SUN LAKES AT BAYSIDE 6600 EAST 96TH STREET INDIANAPOLIS, INDIANA 0137	
A P P L I C A T O R	TRU GREEN 5235 NORTH WINTHROP INDIANAPOLIS, INDIANA 46220	
S U M M A R Y	PHIL STRYKER OF TRU GREEN CALLED THIS OFFICE TO REPORT THAT TRU GREEN OF INDIANAPOLIS HAD APPLIED DIAZINON 5G TO A LAWN. THE APPLICATION HAD APPARENTLY CAUSED A DUCK KILL.	
F I N D I N G S	(SEE ATTACHMENT 1)	
D I S P O S I T I O N	NO VIOLATION OF THE INDIANA PESTICIDE USE AND APPLICATION LAW WAS FOUND. INVESTIGATOR: <i>J. Beauf</i> DATE: 1/14/91	

INDIANA STATE CHEMIST & SEED COMMISSIONER
BIOCHEMISTRY BLDG. * PURDUE UNIVERSITY
WEST LAFAYETTE IN 47907
(317)494-1585

CASE #901203
INVESTIGATED 9-27-90

INVESTIGATOR: BECOVITZ
DATE ASSIGNED: 9-26-90

CASE TYPE: NON AG FOLLOW UP
COUNTY: MARION

ATTACHMENT 1

1. ON SEPTEMBER 27, 1990 I INTERVIEWED MR. PHIL LAVANCHY, A CERTIFIED APPLICATOR THAT IS EMPLOYED BY TRU GREEN OF INDIANAPOLIS, REGARDING AN APPLICATION OF DIAZINON 5G THAT HE MADE FOR TRU GREEN ON SEPTEMBER 22, 1990. ACCORDING TO MR. LAVANCHY HE SPOT TREATED THE SUN LAKES PROPERTY FOR GRUBS ON THE MORNING OF THE 22ND. HE STATED THE AREA RECEIVED A SUBSTANTIAL RAIN SHORTLY AFTER COMPLETING THE APPLICATION AND NO WATERFOWL WERE PRESENT AT THE TIME OF APPLICATION.
2. INDIANAPOLIS RECEIVED ABOUT 0.50 INCHES OF RAIN ON THE AFTERNOON OF THE 22ND ACCORDING TO WEATHER SERVICE RECORDS.
3. ALSO ON SEPTEMBER 27, 1990 I INSPECTED THE APPLICATION SITE AT SUN LAKES. THE AREA DID APPEAR TO HAVE BEEN SPOT TREATED AS DIAZINON GRANULES WERE NOT PRESENT OVER THE ENTIRE LAWN. NO WATERFOWL, ALIVE OR DEAD, WERE PRESENT AT THE TIME OF THE INSPECTION. MR. PHIL STRYKER OF TRU GREEN STATED THAT SOIL AND WATER SAMPLES HAD BEEN TAKEN AND THESE SAMPLES HAD BEEN SUBMITTED FOR LABORATORY ANALYSIS.
4. NO DIAZINON WAS DETECTED IN THE WATER SAMPLE. DIAZINON WAS DETECTED IN ONE OF THE SOIL SAMPLES AT 0.27 PARTS PER MILLION. THIS LEVEL IS WELL WITHIN THE RANGE ONE WOULD EXPECT TO FIND FROM A NORMAL APPLICATION.
5. THE LABEL APPEARS TO HAVE BEEN FOLLOWED CORRECTLY.

INVESTIGATOR:

J Becovitz

DATE: 1/14/91

Jul 31, 92 9:24 No.001 P.02

TEL:

PPMD

MICHIGAN DEPARTMENT OF AGRICULTURE
WILDLIFE/FISH KILL INVESTIGATIONS
FY'90, 91 & 92

UI #	SITE	CLASS	CHEMICAL	VIOL	SUMMARY	
90-23-02	Right-of-Way	N-AG	Temix	No	Misuse in wildlife control unconfirmed	014
90-34-07	Crop	AG	Captain Benlate	Yes	Fish kill after disposal of DPA into creek	015
90-55-01	Residence	N-AG	Diphenylamine	No	Alleged bird kill following spray application	016
90-55-03	Lawn	N-AG	Pendimethalin	No	Alleged misuse of pesticide near water	Fish 017
90-62-02	Public bldg	N-AG	2,4-D	No	Bird stuck to roof of building	018
90-63-20	Lawn	N-AG	Bird repellent	No	No evidence of misuse found	Birds 019
90-73-03	Aquatic	N-AG	Carbaryl	No	No evidence of fish kill or pesticide use	020
91-23-02	Crop	N-AG	Dicofol	Yes	Use of anti-freeze for wildlife control	021
91-35-03	Woods	N-AG	Ethylene Glycol	No	No evidence of violation found	Birds 022
91-52-02	Crop	AG	Bt	No	No evidence of over application found	Fish 023
91-62-02	Lawn	N-AG	Unknown	No	Inconclusive/referred to DNR	Birds 024
91-63-01	Public bldg	N-AG	Chlordane	No	Insufficient application	Birds 025
91-72-03	Lawn	N-AG	Aminopyridine	No	No evidence of misuse found	Birds 026
92-42-01	Crop	AG	Diazinon	No	No evidence of misuse found	027
92-72-02	Aquatic	N-AG	Unknown	Pending	Case not closed	Fish 028
92-75-01	Public bldg	N-AG	Copper Sulfate	No	No evidence of misuse found	Birds 029
			Polybutene			

Minnesota Pesticide Fish & Wildlife Incidents
 (FY 92 incidents not reported)

Date	Department	home/outdoor	Wildlife	Pesticide	
Sept 91	MDA	Domestic	Snakas/Iguana	Dursban	030
June 91	MDA	Domestic	Cat	Dursban	031
June 91	MDA	Nondomestic	Horse	Altosid	032
July 91	MDNR	Nondomestic	Cormorants	Not Confirmed	033
Sept 91	MDNR	Nondomestic	Fish Kill (2,000 brown trout) (1,000 Suckers)	Not Confirmed Ag-Pesticide runoff suspect	034

MDA - Minnesota Department of Agriculture

MDNR - Minnesota Department of Natural Resources

Wisconsin Pesticide Fish & Wildlife Incidents

	Date	Pesticide	Summary
035	July 90	Diazinon	Several geese were killed by a miss-application of diazinon AG500 on a cranberry bog
036	March 91	Zinc Phosphide	Two turkies died from an application of Zinc Phosphide to an apple orchard. This was not a mis-application.
037	July 92	Guthion (insecticide)	Approximately 450 fish died from an application of guthion. A large rain occured after the application and they could not control the runoff. (bluegills/sunfish)

Contact Agency: WDATCP/ Wisconsin Department of Agriculture,
Trade & Consumer Protection.

END